Attorney D cket N . 137402

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on R

| inventor (if plural the invention en PERFORMING | ntitled: | METHODS | S, APPARATU | S, A | ND COMPUTER n of which: | READAE | BLE | MEI |)IUN | MS FO | R |
|---|---|--|---|-------------------------------|---|---|------------------------|---|-------------------------|----------------------|----|
| (check one) | | and was an | n nended on | | | | | | | | |
| I hereby state that claims, as amend | at I have ed by an | reviewed ar y amendmer | nd understand that referred to abo | e con | tents of the above | identified sp | ecif | ication | , inc | luding tl | ıe |
| I acknowledge accordance with | the duty Title 37, | to disclose Code of Fed | e information w deral Regulations | hich s §1.50 | is material to the 6. | examinatio | n o | f this | appl | ication | in |
| for patent or invedesignated at lea | entor's or st one co | plant breede untry other t foreign appl | er's rights certific than the United S lication for paten | cate(s) States it, inve | 9 (a)-(d) or (f) or 3), or 365(a) of any l of America, listed be entor's or plant bree he application on w | PCT internate below, and h der's rights | ave certi | also id also id ificate(claimed | entifs), or | ied belo r any PC | w, |
| COUNTRY | APPL | CATION | DATE OF FILE | | PRIORITY CLAI | MED | | RTIFI | | COPY | |
| | NUMI | BER | (day, month, year | ar) | | | AI | TACH Yes | TED T | No | |
| | | | | - | | | H | Yes | 卄 | No | |
| | | | | | | | H | Yes | | No | |
| | | | | | | | | Yes | | No | |
| International appeach of the claim | olication as of this graph of th occurre | designating application 35 U.S.C. §1 and between t | the United States is not disclosed in 112. I acknowled | s of A in the lge the | ted States application merica, listed below prior United States duty to disclose mrior application and | v and, insofa application aterial infor | ir as in tl mati | the su ne man on as o | bject ner p lefin | rovided ed in 37 | |
| U.S. PARENT APPLICATION OR PCT PARENT NUMBER | | | PARENT FILING DATE (day, month, year) | | STATUS (patent and number, pending, abandoned) | | | | | | |
| | | | | | | | | | | | |
| I hereby claim t | he benef | it under 35 U | J.S.C. §119(e) of | f any l | United States provi | sional applic | atio | n(s) lis | ted b | pelow. | |
| APPLICATION | NUMB | ER(S) | | FILI | NG DATE (day, m | onth, year) | | | | | |
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Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

Att rn y D cket No. 137402

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Michael A. Della Penna (Reg. No. 45,697), Peter Vogel (Reg. No. 41,363), Carl B. Horton (Reg. No. 34,622), and Kevin Conroy (Reg. No. 38,113), all of GE Medical Systems, 3000 North Grandview Blvd., W-710, Waukesha, WI 53188; Ronald E. Myrick (Reg. No. 26,315), Henry J. Policinski (Reg. No. 26,621), and Scott R. Hayden (Reg. No. 41,821), of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431; John S. Beulick (Reg. No. 33,338), Patrick W. Rasche (Reg. No. 37,916), Dean D. Small (Reg. No. 34,730), Robert B. Reeser III (Reg. No. 45,548), Thomas M. Fisher (Reg. No. 47,564), Bruce T. Atkins (Reg. No. 43,476), Daniel M. Fitzgerald (Reg. No. 38,880), Michael Tersillo (Reg. No. 42,180), William J. Zychlewicz (Reg. No. 51,366); Michael G. Harms (Reg. No. 51,780), Rozell Williams, Jr., (Reg. No. 44,403), Evan R. Sotiriou (Reg. No. 46,247), and Alan L. Cassel (Reg. No. 35,842), all of Armstrong Teasdale LLP, One Metropolitan Square, St. Louis, MO 63102.

Send Correspondence to: Patrick W. Rasche Armstrong Teasdale LLP One Metropolitan Square, Suite 2600 St. Louis, MO 63102 Direct Telephone Calls To:

Patrick W. Rasche 314-621-5070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

| SOLE OR FIRST INVENTOR: |
|--|
| Full Marge: Ge Wang |
| Signature Date: 9/29/200 |
| Residence: Towa City, Towa |
| |
| Citizenship P.R. China |
| Post Office Address:1405 Aburdeen Court, Iowa City, Iowa 52246 |
| SECOND JOINT INVENTOR: |
| Full Name: Jiang Hsieh |
| Signature:Date: |
| Residence: Brookfield, Wisconsin |
| Citizenship: USA |
| Post Office Address: 19970 W. Keswick Court, Brookfield, Wisconsin 53045 |

Att rney D ck t N . 137402

| THIRD | TODIT | TAIL | CNIT | ΛD. |
|-------|-------|-------|------|-----|
| THIRD | JOHNI | IIN V | ENT | UK: |

| Full Name: | Yuchu | an Wei | | | | | | |
|---------------|---------------------------------------|-------------------|------------------|---------------|--|-------|-------|----------|
| Signature: | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | chum | Wer | | Date: | 9/29/ | 2 402 | - |
| Residence: | <u>Iowa C</u> | City, Iowa | | | | | | _ |
| Citizenship:_ | P.R. C | hina | | | | | | _ |
| Post Office A | ddress: | 932 Oakcrest St., | Apt. C, Iowa Cit | y, Iowa 52246 | <u>. </u> | | | |

Att rney Docket No. 137402

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| PERFORMING | PERFUSION STU | JDIES, the spec | ificatio | on of which: | | | |
|--|---|--|-------------------------------|---|---|---|----------------------|
| (check one) | is attached was filed and was a | l hereto. on mended on | | as Applicati | on Serial No | , | |
| | t I have reviewed a ed by any amendme | | | atents of the abo | ove identified sp | pecification, in | cluding the |
| | he duty to disclos | | | | the examination | on of this app | lication in |
| for patent or inver designated at leas by checking the b | reign priority benefintor's or plant breed t one country other ox, any foreign app ication having a fili | ler's rights certif than the United lication for pater | icate(s States nt, inve |), or 365(a) of a of America, list entor's or plant b | ny PCT interna ed below, and horeeder's rights | tional applicati have also identi certificate(s), c | on which fied below, |
| COUNTRY | APPLICATION | DATE OF FILE | | PRIORITY CL | AIMED | CERTIFIED | COPY |
| | NUMBER | (day, month, ye | ear) | | | ATTACHED Yes | No |
| | | | | | | Yes | No |
| | | | | | | Yes Yes | No No |
| each of the claims by the first paragr | ication designating of this application aph of 35 U.S.C. § occurred between tapplication: | is not disclosed 112, I acknowled | in the lge the | prior United State duty to disclose | tes application material information | in the manner propertion in the manner properties. | provided ed in 37 |
| U.S. PARENT A OR PCT PAREN | | PARENT FII (day, month, | | DATE | STATUS (patent and pending, al | | |
| | | | | | | | |
| I hereby claim the | e benefit under 35 U | J.S.C. §119(e) of | f any L | Jnited States pro | ovisional application | ation(s) listed b | elow. |
| APPLICATION NUMBER(S) | | | FILI | NG DATE (day, | month, year) | | |
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SOLE OR FIRST INVENTOR:

| Full Name:Ge Wang |
|--|
| Signature:Date: |
| Residence: Iowa City, Iowa |
| Citizenship: P.R. China |
| Post Office Address:1405 Aburdeen Court, Iowa City, Iowa 52246 |
| SECOND JOINT INVENTOR: |
| Full Name: Jigng Hsieh |
| Full Name: Jiang Hsieh Signature: Date: 9/30/03 |
| Residence: Brookfield, Wisconsin |
| Citizenship: USA |
| Post Office Address: 19970 W. Keswick Court, Brookfield, Wisconsin 53045 |

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Att rney Docket N . 137402

| THIRD JOI | NT INVENTOR: | |
|----------------|---|-------|
| Full Name: | Yuchuan Wei | |
| Signature: | | Date: |
| Residence: | Iowa City, Iowa | |
| Citizenship: | P.R. China | |
| Post Office Ad | dress: 932 Oakcrest St., Apt. C, Iowa City, Iowa 5224 | 6 |